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- 4 MAR 2008

## F A X C O V E R P A G E

Legal Staff  
International Division**Date:** March 4, 2008**Total Pages:** 21  
(including cover)
**To:** PCT Branch,  
U.S. Patent and Trademark Office

**Fax:** 571.273.0459  
**Phone:**
**From:** Robert E. Krebs  
Reg. No. 25,885

**Fax:** 408.287.8040  
**Phone:** 408.292.5800  
**E-Mail:** rkrebs@thelen.com
Certificate of Transmission Under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on the date printed below:

Date: 03/04/2008Signature:   
Julie Arango**Re: U.S. Patent Application****Serial No.: 10/589,112 Filed: 08/10/2006****Title: SPECTROMETRY DIAGNOSTIC ELECTRONIC CIRCUIT AND ASSOCIATED COUNTING SYSTEM****Our Reference No.: 034299-708**

Dear Sir:

Respectfully submitted are the following:

1. Petition to Acknowledge Original 371 Application Filing Date as Official Filing Date (2 pgs.)
2. Copies of Filing Receipt and Notice of Acceptance of Application marked with corrections (5 pgs.)
3. Copies of stamped returned postcard dated 07 May 2007, Transmittal Form, Response to Notification of Missing Requirements, stamped returned postcard dated 10 August 2006, 371 Transmittal Letter, Declaration, Power of Attorney and Petition and Notification of Missing Requirements (13 pgs.)

**Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper**

In case of a problem with this transmission, please call the **Fax Operator at 408.282.1803**

JOB #	ATTORNEY #	CLIENT-MATTER	RETURN TO	ROOM #
		034299-708		

**IMPORTANT:** This fax transmission is intended only for the addressee. It contains information from the law firm of Thelen Reid Brown Raysman & Steiner LLP which may be privileged, confidential and exempt from disclosure under applicable law. Dissemination, distribution, or copying of this by anyone other than the addressee or the addressee's agent is strictly prohibited. If this transmission is received in error, please notify Thelen Reid Brown Raysman & Steiner LLP immediately at the telephone number indicated above. We will reimburse your costs incurred in connection with this erroneous transmission and your return of these materials. THANK YOU.

PATENT  
Serial No.: 10/589,112  
Atty. Docket No.: 034299-708

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Michel Jouve et al. CONFIRMATION NO.: 5852  
SERIAL NO.: 10/589,112  
FILING DATE: 08/10/2006  
TITLE: SPECTROMETRY DIAGNOSTIC ELECTRONIC CIRCUIT AND  
ASSOCIATED COUNTING SYSTEM  
EXAMINER: Baldridge, Benjamin M.  
ART UNIT: 4158

**Certificate of Transmission Under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on the date printed below:

Date: 03/04/2008

Signature:

  
Julie Arango

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION TO ACKNOWLEDGE ORIGINAL 371 APPLICATION**  
**FILING DATE AS OFFICIAL FILING DATE**

Sir:

Upon reviewing the enclosed documents, it is clear that all requirements were met with the original filing of the above-captioned patent application under 35 U.S.C. 371. Therefore, it is respectfully requested that the filing date of August 10, 2006 be assigned to the above-captioned application instead of the incorrect date, August 7, 2007, as assigned on the Notice of Acceptance of Application and Filing Receipt (copies marked with corrections enclosed).

The Declaration, Power of Attorney and Petition was originally filed with the application on August 10, 2006 and acknowledged as being received by the U.S. Patent Office. Proof of

PATENT  
Serial No.: 10/589,112  
Atty. Docket No.: 034299-708

acknowledgement is shown on the enclosed postcard, date stamped August 10, 2006 by the PCT Office of the U.S. Patent Office.

Although the Declaration and Power of Attorney fully identified the application by the International Application number and the International filing date, a "Notification of Missing Requirements Under 35 U.S.C. 371" was mailed out by the Patent Office on April 19, 2007 (copy enclosed), which stated that this information was not supplied on the Oath or Declaration at the time of filing. Applicant's agent responded with a copy of the originally filed Declaration & Power of Attorney, postcard date stamped August 10, 2006, transmittal letter, and a responsive explanation on May 1, 2007. A copy of the postcard indicating receipt of these documents on May 7, 2007 is enclosed for your convenience, as well as the previously filed documents.

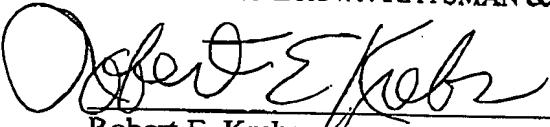
It is respectfully requested that a new Notice of Acceptance and Filing Receipt be issued with a filing date of August 10, 2006, the original filing date of this patent application.

If, in the opinion of the Examiner, an interview would expedite the issues as set forth above, the Examiner is invited to call the undersigned attorney at the number indicated below.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1698.

Respectfully submitted,  
THELEN REID BROWN RAYSMAN & STEINER LLP

Dated: 03/04/2008

  
Robert E. Krebs  
Reg. No. 25,885

THELEN REID BROWN RAYSMAN & STEINER LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
Tel: (408) 292-5800  
Fax: (408) 287-8040



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

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 GW

APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	TOT CLMS	IND CLMS
10/589,112	08/07/2007 08/10/2006	2858	900	034299-000708	10	2

Robert E Krebs  
 Thelen Reid & Priest  
 P O Box 640640  
 San Jose, CA 95164-0640

RECEIVED

AUG 30 2007

TRBRS LLP  
 Patent Docket

CONFIRMATION NO. 5852

FILING RECEIPT



\*OC000000025551757\*

Date Mailed: 08/29/2007

Receipt is acknowledged of this nonprovisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Michel Jouve, Eguilles, FRANCE;  
 Didier Mazon, Manosque, FRANCE;

## Assignment For Published Patent Application

COMMISSARIAT A L'ENERGIE ATOMIQUE, PARIS 15EME FRANCE, FRANCE

## Power of Attorney:

Robert Krebs-25885

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/FR05/50116 02/22/2005

## Foreign Applications

FRANCE 04/50338 02/24/2004

## If Required, Foreign Filing License Granted: 08/24/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/589,112**

Projected Publication Date: 12/06/2007

REVIEWED BY DOCKET



**Non-Publication Request: No**

**Early Publication Request: No**

**Title**

Spectrometry Diagnostic Electronic Circuit and Associated Counting System

**Preliminary Class**

324

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



- Specification filed on 08/10/2006
- Claims filed on 08/10/2006
- Abstracts filed on 08/10/2006
- Drawings filed on 08/10/2006

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Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

---

DEBORAH D WILLIAMS  
Telephone: (703) 308-9140 EXT 205

**PART 1 - ATTORNEY/APPLICANT COPY**

FORM PCT/DO/EO/903 (371 Acceptance Notice)

034299-708

Serial/Patent No.: 10/589,112

Filing/Issue Date: 08-10-2006

Applicant: Michel Jourve et al.

Title: Spectrometry Diagnostic Electronic Circuit And Associated Counting System

TRP Docket No.: 034299-708

Date Mailed: 5-1-07

Atty/Secty Initials: REK/gw

Docket Due Date:

The following has been received in the U.S. Patent &amp; Trademark Office on the date stamped hereon:

- Amendment/Response (\_\_\_\_ pgs.)
- Appeal Brief (\_\_\_\_ pgs.) (in triplicate)
- Application - Utility (\_\_\_\_ pgs. with cover & abstract)
- Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)
- Application - Rule 1.53(b) Division (\_\_\_\_ pgs.)
- Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)
- Application - Rule 1.53(d) CPA (\_\_\_\_ pgs.)
- Application - PCT (\_\_\_\_ pgs.)
- Application - Provisional (\_\_\_\_ pgs.)
- Assignment and Cover Sheet
- Certificate of Correction
- Certificate of Mailing
- Declaration & POA (\_\_\_\_ pgs.)
- Fee Transmittal
- Drawings (informal):

Other: \_\_\_\_\_ # of sheets includes \_\_\_\_\_ figures

Copies of: the Notification; Decl & POA; Transmittal Ltr to the US Designated/Elected Office; Returned Postcard..

- IDS & ITO 1449 (\_\_\_\_ pgs.)
- Pieces of Prior Art Enclosed
- Issue Fee Transmittal
- Submission of Formal Drawings: \_\_\_\_\_ # of sheets includes \_\_\_\_\_ figures
  - Notice of Appeal
  - Postcard
  - Preliminary Amendment (\_\_\_\_ pgs.)
  - Reply Brief (\_\_\_\_ pgs.)
  - Req and Cert. Not to Publish - Rule 1.213
  - Request for Continued Examination (RCE) (\_\_\_\_ pgs.)
  - Request for Extension of Time \_\_\_\_\_ Month(s)
  - Response to Notification of Missing Requirements
  - Copy of PTO Notice to File Missing Parts
  - Transmittal Letter (original)
  - Express Mail No.:
  - Credit Card Payment \$ \_\_\_\_\_
  - Deposit Acct. No. 50-1698 \$ \_\_\_\_\_
- Patent Code:
- Client/Matter # 034299-708

MAY Rec'd PCT/PTO 07 MAY 2007

REVIEWED BY DOCKET

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 10 Attorney Docket Number 034299-708

**ENCLOSURES (check all that apply)**

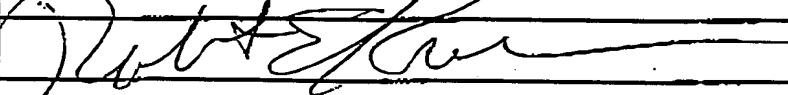
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Copies of: Notification; Decl & POA; Transmittal Ltr to the US Designated/ /Elected Office; Returned Postcard; Postcard.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input checked="" type="checkbox"/> Reply to Notification of Missing Requirements Under 35 U.S.C. 371 in the US Designated/ Elected Office (DO/EO/US)	<b>Remarks</b>	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

THELEN REID BROWN RAYSMAN &amp; STEINER LLP

Signature



Printed Name

Robert E. Krebs

Date

5-01-07

Reg. No.

25,885

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name



Geneva Walls

Date

5-1-07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

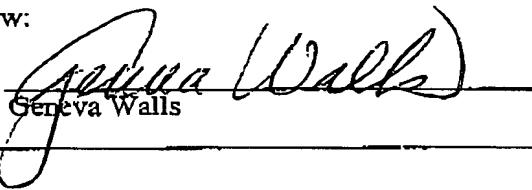
APPLICANT: Michel Jouve et al. CONFIRMATION: 5852  
SERIAL NO.: 10/589,112  
FILING DATE: August 10, 2006  
TITLE: Spectrometry Diagnostic Electronic Circuit And Associated Counting System  
EXAMINER: Not Yet Assigned  
ART UNIT: Not Yet Assigned

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to mail stop: PCT Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on the date printed below:

Date: 5-1-07

Name:

  
Geneva Walls

Mail Stop: PCT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

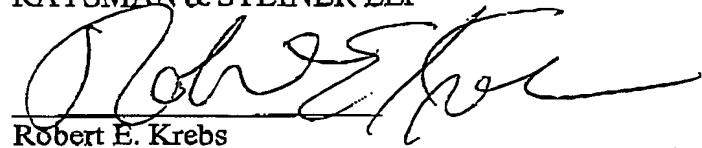
RESPONSE TO THE NOTIFICATION OF MISSING REQUIREMENTS

It is respectfully submitted that the Notification of Missing Requirements Under 35 U.S.C. 371 in the U.S. Designated/Elected Office (DO/EO/US) for the above-identified patent application is in error.

The Oath or declaration of the inventors was included in the Filing of August 10, 2006. Enclosed is a copy of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission under 35 U.S.C. 371 indicating submission of an Oath or Declaration of the inventor(s) (35 U.S.C. 371 (c)(4); and a copy of the Declaration Power of Attorney and Petition as filed August 10, 2006. In addition, a copy of the returned postcard indicating submission of the Declaration and POA for the above referenced patent application.

It is believed that no fee is required for filing the above-noted document. In the event any fee is required for filing of this Request for Correction, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1698.

Respectfully submitted,  
THELEN REID BROWN  
RAYSMAN & STEINER LLP

  
Robert E. Krebs  
Reg. No. 25,885

Dated: May 01, 2007

THELEN REID BROWN  
RAYSMAN & STEINER LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
Tel.: (408) 292-5800  
Fax: (408) 287-8040

DOCKETED  
SEP 13 2006

Serial/Patent No.: Unassigned	Filing/Issue Date: 8/10/06
Applicant: Michel Jouve et al.	90/589112
Title: Spectrometry Diagnostic Electronic Circuit and Associated Counting System	
TRP Docket No.: 034299-000708	Attly/Secy/Mail: REK/jn
Date Mailed: 8/10/06	Docket Due Date: 8/24/06
<p>IAP7 Rec'd OCT 10 PTO 10 AUG 2006</p> <p>The following has been received in the U.S. Patent &amp; Trademark Office on the date stamped hereon:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Amendment/Response (____ pgs.)</li> <li><input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)</li> <li><input checked="" type="checkbox"/> Application - Utility (20 pgs. with cover &amp; abstract)</li> <li><input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)</li> <li><input type="checkbox"/> Application - Rule 1.53(b) Division (____ pgs.)</li> <li><input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)</li> <li><input type="checkbox"/> Application - Rule 1.53(d) CPA (____ pgs.)</li> <li><input type="checkbox"/> Application - PCT (____ pgs.)</li> <li><input type="checkbox"/> Application - Provisional (____ pgs.)</li> <li><input type="checkbox"/> Assignment and Cover Sheet</li> <li><input type="checkbox"/> Certificate of Correction</li> <li><input type="checkbox"/> Certificate of Mailing</li> <li><input checked="" type="checkbox"/> Declaration &amp; POA (3 pgs.)</li> <li><input type="checkbox"/> Fee Transmittal</li> <li><input type="checkbox"/> Drawings (informal): ____ # of sheets includes ____ figures</li> <li><input checked="" type="checkbox"/> Other: Credit Card Payment Forms (\$40.00 and \$900.00), Request PCT, PCT/IB/308, PCT/IB/311, WO 2005/085905, PCT/ISA/220</li> </ul>	

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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

034289-0000708

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. **INTERNATIONAL FILING DATE**  
T/FR2005/050116 February 22, 2005

**PRIORITY DATE CLAIMED**  
February 24, 2004

NAME OF INVENTION  
Spectrometry Diagnostic Electronic Circuit and Associated Counting System

## APPLICANT(S) FOR DO/EO/US

LVE, Michel; MAZON, Didier

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2));
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  Is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2));
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13(ter.2) and 37 CFR 1.821 - 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/FR2005/050116	ATTORNEY'S DOCKET NUMBER 034299-000708
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Other items or information:  
Request PCT, PCT/IB/308, PCT/IB/311, WO 2005/085905, PCT/ISA/220

The following fees have been submitted:				Calculations	PTO Use only
<input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....				\$ 300	
<input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$ 0	
<input type="checkbox"/> All other situations .....				\$ 200	
3. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$ 0	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$ 100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....				\$ 400	
<input type="checkbox"/> All other situations .....				\$ 500	
<b>TOTAL OF 21, 22 and 23 =</b>				\$ 900	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	10 - 20 = 0		x \$50	\$	
Independent claims	2 - 3 = 0		x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 900	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
				<b>SUBTOTAL =</b>	\$ 900
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+ \$	
				<b>TOTAL NATIONAL FEE =</b>	\$ 900
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$ 40	
				<b>TOTAL FEES ENCLOSED =</b>	\$ 940
				Amount to be refunded:	\$
				Amount to be charged:	\$

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007, OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

Please charge my Deposit Account No. 50-1698 in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1698. A duplicate copy of this sheet is enclosed.

Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on FTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.



SIGNATURE

## END ALL CORRESPONDENCE TO:

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Robert E. Krebs  
NAME

25,885  
REGISTRATION NUMBER

B14481.3 PR

*Declaration, Power Of Attorney and Petition*

Page 1 of 3

WE (I) the undersigned inventor(s), hereby declare(s) that :

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SPECTROMETRY DIAGNOSTIC ELECTRONIC CIRCUIT AND ASSOCIATED COUNTING SYSTEM

the specification of which

is attached hereto.  
 was filed on  
as Application Serial No.  
and amended on  
 was filed as PCT international application  
Number PCT/FR2005/050116  
on February 22, 2005  
and was amended under PCT Article 19  
on

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) or § 365 (b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application (s)

Application No.	Country	Day/month/Year	Priority Claimed
04 50338	FRANCE	24.02.2004	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO

We (I) hereby claim the benefit under Title 35, United States Code, § 119 (e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in these prior United States application(s) in the manner provided by 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 CFR § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)

I hereby appoint: Robert E. Krebs, Registration No. 25,885; David B. Ritchie, Registration No. 31,562; Marc S. Hanish, Registration No. 42,626; John P. Schaub, Registration No. 42,125; Adrienne Yeung, Registration No. 44,000; Steven J. Robbins, Registration No. 40,299; Thierry K. Lo, Registration No. 49,097; William Samuel Niece, Registration No.: 47,824; Khaled Shami Registration No. 38,745; William E. Winters, Registration No. 42,232; Masako Ando, (37 C.F.R. §10.9 (b)); Yukiko Maekawa Registration No. 50,307 and John Klaas Uilkema, Registration No. 20,282; Becky L. Troutman, Registration No. 36,703; Hal J. Bohner, Registration No. 27,856; as attorneys of record with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. If this application is assigned by me I agree and understand that the above-named attorneys will represent the assignee and not me.

Please send all correspondence and direct all telephone calls to:

Thelen Reid & Priest LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
Telephone: (408) 292-5800  
Facsimile: (408) 287-8040

We (I) undersigned declare that all statements made herein of my(our) own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and such wilful false statements may jeopardize the validity of the application or any patent issuing therefrom.

JOUVE Michel

NAME OF FIRST SOLE INVENTOR



Signature of Inventor

July 17, 2006  
Date

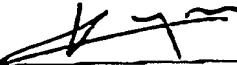
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Post Office Address : The same as residence

MAZON Didier

NAME OF SECOND INVENTOR



Signature of Inventor

JULY 17, 2006

Date

NAME OF THIRD INVENTOR

Signature of Inventor

Date

NAME OF FOURTH INVENTOR

Signature of Inventor

Date

NAME OF FIFTH INVENTOR

Signature of Inventor

Date

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/589,112	Michel Jouve	034299-000708
RECEIVED		INTERNATIONAL APPLICATION NO.
		PCT/FR05/50116
APR 23 2005		I.A. FILING DATE
		PRIORITY DATE
		02/22/2005 02/24/2004
CONFIRMATION NO. 5852		
371 FORMALITIES LETTER		
 *OC000000023451133*		

Date Mailed: 04/19/2007

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/10/2006
- Copy of the International Search Report filed on 08/10/2006
- Copy of IPE Report filed on 08/10/2006
- Preliminary Amendments filed on 08/10/2006
- Information Disclosure Statements filed on 08/10/2006
- Request for Immediate Examination filed on 08/10/2006
- U.S. Basic National Fees filed on 08/10/2006
- Assignment filed on 08/10/2006
- Priority Documents filed on 08/10/2006
- Specification filed on 08/10/2006
- Claims filed on 08/10/2006
- Abstracts filed on 08/10/2006
- Drawings filed on 08/10/2006

ACTION DATE: MISSING Parts Due  
 DUE/RMPL DATE: 04/19/07  
 DEADLINE DATE: 11/19/07  
 DOCKET: TM

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/589,112	PCT/FR05/50116	034299-000708

FORM PCT/DO/EO/905 (371 Formalities Notice)